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Memorandum to

Dr. Robert C. Hockett, Associate Scientific Director
Tobacco Industry Research Committee
5320 Empire State Building
New York 1, New York

This is in response to your memorandum of January 5, requesting comments on Research Grant Application No. 120, Dr. Leo G. Rigler.

Unquestionably, the project would be well managed in the hands of such an outstanding roentgenologist as Dr. Rigler.

We raise the question as to the practicability of drawing a clear line of demarcation between "heavy smog areas" and "smog-free areas".

As laymen, we wonder if the small number of patients with carcinoma of the lung (10 to 20 in two years) is adequate to evaluate LDH and isomerase as an index to the disease or if, again considering the small number of patients, the variation in intensity of the hereditary factor might not outweigh the environmental factors included in this study.

Is there not also the question of the value of x-ray as a means of detecting cancer of the lung except in advance stages?

H. R. Hanmer
For the Sub-Committee of the
Industry Technical Committee

VH

cc: Dr. R. N. DuPuis
Mr. C. W. Baber

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Information of

Dr. Robert O. Hirsch, Associate Scientific Director
International Research Laboratories Corporation
2350 Madison Avenue
New York 1, New York

Replies to questions on the following topics of interest to the R&D
and R&D Department of Philip Morris Inc. are attached:

1. The effect of various flow and filter factors on "Yield of Cigarettes".

2. The effect of cigarette length on "Yield of Cigarettes".

3. The effect of cigarette length on "Yield of Cigarettes".

4. The effect of cigarette length on "Yield of Cigarettes".

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